

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--------------------|------------------|---------|------------------|
| S1 | 6 | "761512".ap. | US-PGPUB; USPAT | OR | ON | 2007/04/11 14:37 |
| S2 | 274 | (725/80).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/11 11:39 |
| S3 | 324 | (725/133).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:32 |
| S4 | 365 | (725/142).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/04/02 10:36 |
| S5 | 186 | (725/104).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:33 |
| S6 | 386 | (725/31).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 14:55 |
| S7 | 924 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:51 |
| S8 | 97 | (348/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:51 |
| S9 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:53 |
| S10 | 284 | (725/78).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 12:26 |
| S11 | 50 | (725/71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:52 |
| S12 | 491 | (725/139).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 09:52 |
| S16 | 402 | 9and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:43 |
| S17 | 10 | (US-20040257470-\$ or US-20060161956-\$ or US-20060041912-\$ or US-20050264395-\$ or US-20050257238-\$ or US-20030221195-\$ or US-20030028886-\$ or US-20020035729-\$).did. or (US-6996837-\$ or US-6622307-\$). did. | US-PGPUB; USPAT | OR | ON | 2006/09/12 12:31 |
| S18 | 6 | S17 and terminal | US-PGPUB; USPAT | OR | ON | 2006/09/12 12:32 |
| S19 | 1 | S17 and terminal and master and encrypt\$4 | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:42 |
| S21 | 10 | L2and L8and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:50 |

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|-----|-------|--|--------------------|----|-----|------------------|
| S23 | 2 | S4 and S5 | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:48 |
| S24 | 0 | S4 and S5 and S6 and S7 and S8 and S21 | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:49 |
| S25 | 10 | L2and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:51 |
| S26 | 3 | L3and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:51 |
| S27 | 3 | L4and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:53 |
| S28 | 3 | L5and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 14:54 |
| S29 | 0 | ("I5and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB)").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 14:58 |
| S30 | 3 | I5and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:00 |
| S31 | 3 | L5and(mastermainprincipalfirst)and(slavessecond\$3)and(terminalboxSTB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 16:32 |
| S32 | 386 | S6 | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:01 |
| S33 | 178 | S6 and terminal | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:01 |
| S34 | 12425 | ("725").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 15:02 |
| S35 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/12 15:02 |
| S36 | 371 | S35 and (terminal box)and digital | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:03 |
| S37 | 141 | S35 and (terminal box)and digital and (protect\$3 encrypt\$3) and data | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:15 |
| S38 | 45 | S37 and master | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:05 |
| S39 | 2635 | S34 and (terminal box)and digital and (protect\$3 encrypt\$3) and data | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:16 |
| S40 | 6006 | S34 and (terminal box)and digital and (protect\$3 encrypt\$3 control key) and data and access\$2 | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:17 |
| S41 | 283 | S35 and (terminal box)and digital and (protect\$3 encrypt\$3 control key) and data and access\$2 | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:28 |
| S42 | 283 | S35 and (terminal box STB)and digital and (protect\$3 encrypt\$3 control key ECM EMM) and data and access\$2 | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:21 |

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| S43 | 6012 | S34 and (terminal box STB)and digital and (protect\$3 encrypt\$3 control key ECM EMM) and data and access\$2 | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:21 |
| S45 | 261 | S35 and (terminal box)and digital and (protect\$3 encrypt\$3 control key) and data and (access\$2 authentic\$5)and time | US-PGPUB; USPAT | OR | ON | 2006/09/12 15:30 |
| S46 | 196 | S45 and respon\$3 | US-PGPUB; USPAT | OR | ON | 2006/09/12 16:00 |
| S47 | 0 | S6 and(master main principal first)and(slave second\$3)and(terminal box STB) | US-PGPUB; USPAT | ADJ | ON | 2006/09/12 16:33 |
| S48 | 242 | S6 and(master main principal first)and(slave second\$3)and(terminal box STB) | US-PGPUB; USPAT | OR | ON | 2006/09/12 16:37 |
| S49 | 0 | wo-200004178-\$.did | DERWENT | OR | ON | 2006/09/12 16:41 |
| S51 | 1 | WO-200004178-\$.did. | DERWENT | OR | ON | 2006/09/12 16:43 |
| S52 | 1 | WO-200004718-\$.did. | DERWENT | OR | ON | 2006/09/15 09:39 |
| S53 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/13 08:41 |
| S54 | 261 | S53 and (terminal box)and digital and (protect\$3 encrypt\$3 control key) and data and (access\$2 authentic\$5)and time | US-PGPUB; USPAT | OR | ON | 2006/09/13 08:41 |
| S55 | 1 | ("4633309,").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/13 09:19 |
| S56 | 1 | ("4633309").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/13 09:20 |
| S57 | 275 | (725/80).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |
| S58 | 324 | (725/133).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |
| S59 | 365 | (725/142).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |
| S60 | 186 | (725/104).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |
| S61 | 924 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |
| S62 | 97 | (348/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |
| S63 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 07:33 |

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|-----|------|---|--------------------------------|----|-----|------------------|
| S64 | 2285 | S57 S58 S59 S60 S61 S62 S63 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 07:33 |
| S65 | 85 | S64 and (master and slave) and time | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 08:14 |
| S66 | 48 | S64 and (master and slave) and time same respon\$4 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 08:23 |
| S67 | 81 | S64 and (master and slave) and time and respon\$4 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 16:20 |
| S68 | 275 | (725/80).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |
| S69 | 324 | (725/133).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |
| S70 | 365 | (725/142).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |
| S71 | 186 | (725/104).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |
| S72 | 924 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |
| S73 | 97 | (348/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |
| S74 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/14 16:20 |
| S75 | 2285 | S68 S69 S70 S71 S72 S73 S74 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 16:47 |
| S76 | 0 | S75 and (master and slave) and time and respon\$4 | DERWENT | OR | ON | 2006/09/14 16:21 |
| S77 | 426 | (master and slave) and time and respon\$4 | DERWENT | OR | ON | 2006/09/14 16:26 |
| S78 | 1 | (master and slave) and time and respon\$4 and set adj top adj box | DERWENT | OR | ON | 2006/09/14 16:26 |
| S79 | 0 | (master and slave) near box and time and respon\$4 | DERWENT | OR | ON | 2006/09/14 16:27 |
| S80 | 0 | master and slave near box and time and respon\$4 | DERWENT | OR | ON | 2006/09/14 16:27 |
| S81 | 1 | master and slave and box and time and respon\$4 | DERWENT | OR | ON | 2006/09/14 16:31 |
| S82 | 12 | S77 and broadcast | DERWENT | OR | ON | 2006/09/14 16:45 |
| S83 | 12 | authentic\$5 and (STB set-top-box terminal) and master and slave | DERWENT | OR | ON | 2006/09/14 16:33 |

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|----------|------|---|--------------------------------|----|-----|------------------|
| S84 | 0 | S77 and broadcast | US-PGPUB; USPAT | OR | ON | 2006/09/14 16:45 |
| S85 | 0 | S77 | US-PGPUB; USPAT | OR | ON | 2006/09/14 16:46 |
| S86 | 0 | S77 | US-PGPUB; USPAT | OR | ON | 2006/09/14 16:46 |
| S87 | 0 | S77 | US-PGPUB; USPAT | OR | ON | 2006/09/14 16:46 |
| S88 | 2285 | S75 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 16:47 |
| S89 | 0 | S88 and master and slave and (wait\$4 respon\$4) and time and deadline | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/15 14:04 |
| S90 | 0 | S75 and master and slave and (wait\$4 respon\$4) and time and deadline | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/14 16:49 |
| S91 | 275 | (725/80).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |
| S92 | 324 | (725/133).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |
| S93 | 365 | (725/142).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |
| S94 | 186 | (725/104).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |
| S95 | 924 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |
| S96 | 97 | (348/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |
| S97 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 07:35 |
| S98 | 2285 | S91 S92 S93 S94 S95 S96 S97 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/15 07:35 |
| S99 | 2285 | S98 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/15 07:35 |
| S10 0 | 302 | S99 and ((\$3determin\$4 given set calculat\$3 fixed)near (respon\$5 answer\$3 transm\$5 transfer\$3) and time) | US-PGPUB; USPAT | OR | ON | 2006/09/15 07:37 |
| S10 1 | 22 | S99 and ((\$3determin\$4 given set calculat\$3 fixed)near (respon\$5 answer\$3 transm\$5 transfer\$3) near time) | US-PGPUB; USPAT | OR | ON | 2006/09/15 08:28 |

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|----------|-----|---|--|----|-----|------------------|
| S10 2 | 24 | S99 and ((\$3determin\$4 given set calculat\$3 fixed)near (respon\$5 answer\$3 transm\$5 transfer\$3 communicat\$4) near time) | US-PGPUB; USPAT | OR | ON | 2006/09/15 08:29 |
| S10 3 | 2 | (S99 and ((\$3determin\$4 given set calculat\$3 fixed)near (respon\$5 answer\$3 transm\$5 transfer\$3 communicat\$4) near time))not S101 | US-PGPUB; USPAT | OR | ON | 2006/09/15 08:31 |
| S10 4 | 987 | (((\$3determin\$4 given set calculat\$3 fixed)near (respon\$5 answer\$3 transm\$5 transfer\$3 communicat\$4) near time) | EPO; DERWENT | OR | ON | 2006/09/15 08:34 |
| S10 5 | 132 | (((\$3determin\$4 given set calculat\$3 fixed)near (respon\$5 answer\$3 transm\$5 transfer\$3 communicat\$4) near time)and ((set adj3 box)terminal decoder STB) | EPO; DERWENT | OR | ON | 2006/09/15 09:06 |
| S10 6 | 0 | S98 and secur\$4 and ((avoid\$3 detect\$4 notic\$4)near (extra add\$3)near (delay\$3 time)) | US-PGPUB; USPAT | OR | ON | 2006/09/15 14:05 |
| S10 7 | 0 | S98 and ((avoid\$3 detect\$4 notic\$4)near (extra add\$3)near (delay\$3 time)) | US-PGPUB; USPAT | OR | ON | 2006/09/15 09:11 |
| S10 8 | 20 | S98 and secur\$3 and (avoid\$3 detect\$4 notic\$4) and ((extra add\$3)near (delay\$3 time)) | US-PGPUB; USPAT | OR | ON | 2006/09/15 09:12 |
| S10 9 | 0 | WO-199735430-\$.did. | DERWENT | OR | ON | 2006/09/15 09:40 |
| S11 0 | 0 | WO-199735430-\$.did. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2006/09/15 09:40 |
| S11 3 | 0 | ("5509073,5461675,5748732").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 09:59 |
| S11 5 | 3 | ((("5509073") or ("5461675") or ("5748732")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 10:00 |
| S11 6 | 11 | (US-20050155069-\$ or US-20050264395-\$ or US-20030221195-\$ or US-20050257238-\$ or US-20030028886-\$.did. or (US-6442525-\$ or US-6996837-\$ or US-6588017-\$ or US-4633309-\$. did. or (WO-200004718-\$ or JP-2004247857-\$.did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/15 13:23 |
| S11 7 | 0 | S116 and ((predetermin\$3 calculat\$2 given)near (request\$4 transfer\$3 respon\$4)) and (time deadline) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/15 13:29 |

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|----------|-------|---|--------------------------------|----|-----|------------------|
| S11 8 | 12433 | ("725").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/09/15 13:30 |
| S11 9 | 0 | S118 and (secur\$3 near communit\$5 near ((set adj2 box\$2) STB decoder IDR IRD)) | US-PGPUB; USPAT | OR | ON | 2006/09/15 13:42 |
| S12 0 | 253 | S118 and (secur\$3 near (transmi\$5 communicat\$4 transf\$3 talk\$3)) and (terminal (set adj box)decoder) | US-PGPUB; USPAT | OR | ON | 2006/09/15 13:46 |
| S12 1 | 343 | S118 and (secur\$3 near (transmi\$5 communicat\$4 transf\$3 talk\$3)) and (terminal (set adj box)decoder device) | US-PGPUB; USPAT | OR | ON | 2006/09/15 13:46 |
| S12 2 | 4 | S99 and master and slave and (wait\$4 respon\$4) and time and deadline | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/15 14:04 |
| S12 3 | 8 | S98 and secur\$4 and ((avoid\$3 detect\$4 notic\$4)near (extra external add\$3)near (delay\$3 time) deadline) | US-PGPUB; USPAT | OR | ON | 2006/09/15 14:07 |
| S12 4 | 1 | ("6904522").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/18 14:07 |
| S12 5 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/19 07:50 |
| S12 6 | 286 | S125 and (terminal box)and digital and (protect\$3 encrypt\$3 control key) and data and (access\$2 authentic\$5) | US-PGPUB; USPAT | OR | ON | 2006/09/19 07:50 |
| S12 7 | 0 | ("2006/0168634").URPN. | USPAT | OR | ON | 2006/09/19 08:04 |
| S12 8 | 12448 | ("725").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/09/19 08:05 |
| S12 9 | 135 | S128 and countdown | US-PGPUB; USPAT | OR | ON | 2006/09/19 08:58 |
| S13 0 | 109 | S128 and countdown and respon\$3 | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:26 |
| S13 2 | 98 | S128 and countdown and respon\$3 and communicat\$4 | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:26 |
| S13 3 | 62 | S128 and countdown and respon\$3 and communicat\$4 and devices | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:28 |
| S13 4 | 19 | S128 and countdown and respon\$3 and communicat\$4 near devices | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:51 |
| S13 5 | 1239 | S128 and access\$4 and ((countdown time)near (respon\$3 request wait\$3)) | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:54 |

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|----------|-------|--|------------------------------|----|-----|------------------|
| S13 6 | 1114 | S128 and access\$4 and ((countdown time)near (respons\$3 request wait\$3))and device | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:56 |
| S13 7 | 45060 | S128 and access\$4 and ((countdown time)near (respons\$3 request wait\$3))and device and master slave | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:57 |
| S13 8 | 62 | S128 and access\$4 and ((countdown time)near (respons\$3 request wait\$3))and device and master and slave | US-PGPUB; USPAT | OR | ON | 2006/09/19 09:57 |
| S13 9 | 1 | ("7092729").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/19 11:11 |
| S14 0 | 2 | ((("6393281") or ("6011511"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/19 11:25 |
| S14 1 | 1 | ("4633309").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/19 11:25 |
| S14 2 | 2 | ((("4633309") or ("5748732"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/19 11:29 |
| S14 5 | 1 | jp-02001983-\$.did. | DERWENT | OR | ON | 2006/09/19 11:33 |
| S14 6 | 7 | ("4167738" "4796032" "5376941" "5424750" "5519405" "5587717" "5797083").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/19 15:49 |
| S14 7 | 8 | ("4419766" "5029196" "5170485" "5212804" "5249303" "5267261" "5323446" "5392331").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/19 15:50 |
| S14 8 | 8 | ("4419766" "5029196" "5170485" "5212804" "5249303" "5267261" "5323446" "5392331").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/19 15:50 |
| S14 9 | 0 | ("2005/0071866").URPN. | USPAT | OR | ON | 2006/09/19 15:51 |
| S15 0 | 0 | ("2005/0071866").URPN. | USPAT | OR | ON | 2006/09/19 15:51 |
| S15 1 | 0 | ("2005/0071866").URPN. | USPAT | OR | ON | 2006/09/19 15:51 |
| S15 2 | 14 | ("6035037").URPN. | USPAT | OR | ON | 2006/09/19 16:28 |
| S15 3 | 0 | (348/10).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 07:59 |
| S15 4 | 924 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S15 5 | 275 | (725/80).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |

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|----------|------|--|--------------------------------|----|-----|------------------|
| S15 6 | 325 | (725/133).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S15 7 | 365 | (725/142).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S15 8 | 186 | (725/104).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S15 9 | 924 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S16 0 | 97 | (348/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S16 1 | 543 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/20 08:22 |
| S16 2 | 2286 | S155 S156 S157 S158 S159 S160 S161 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 08:23 |
| S16 3 | 2286 | S162 725/211.3.ccls. | US-PGPUB; USPAT | OR | ON | 2006/09/20 08:23 |
| S16 4 | 0 | 725/211.3.ccls. | US-PGPUB; USPAT | OR | ON | 2006/09/20 08:23 |
| S16 5 | 2389 | S162 348/211.3.ccls. | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 08:24 |
| S16 6 | 176 | S165 and ((prevent\$4 avoid\$3)near6 (delay\$3 time)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 08:35 |
| S16 7 | 2407 | S165 725/141 and ((prevent\$4 avoid\$3)near6 (delay\$3 time)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 11:35 |
| S16 8 | 194 | (S165 725/141) and ((prevent\$4 avoid\$3)near6 (delay\$3 time)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 11:35 |
| S16 9 | 185 | (S165 725/141.ccls.) and ((prevent\$4 avoid\$3)near6 (delay\$3 time)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 11:39 |
| S17 0 | 185 | (S165 725/141.ccls.) and (((prevent\$4 avoid\$3)near6 (delay\$3 time)) or (preterm\$4 near4 time)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:18 |
| S17 1 | 0 | ("2003/0028886").URPN. | USPAT | OR | ON | 2006/09/20 13:10 |
| S17 2 | 83 | (S165 725/141.ccls.) and ((count\$5 (respons\$3 near3 time))near3 (request\$3 broadcast\$3 send\$4 sent)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:27 |

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|----------|------|--|--------------------------------|----|-----|------------------|
| S17 3 | 1 | (S165 725/141.ccls.) and ((count\$5 (respons\$3 near3 time))near3 ((start\$3 begin) near3 (request\$3 broadcast\$3 send\$4 sent))) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:31 |
| S17 4 | 4 | S172 and ((start\$3 begin\$4)near6(moment instant)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:46 |
| S17 5 | 23 | S165 and((start\$3 begin\$4)near6(moment instant)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:46 |
| S17 6 | 0 | S165 and((start\$3 begin\$4)near6(moment instant))near6(count\$5) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:48 |
| S17 7 | 23 | S165 and((start\$3 begin\$4)near6(moment instant)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/20 13:49 |
| S17 8 | 21 | S165 and communicat\$4 and (after near3 respon\$3) and predetermined | US-PGPUB; USPAT | OR | ON | 2006/09/20 14:13 |
| S18 0 | 4 | S165 and (no near6 communicat\$4) and (after near3 respon\$3) and predetermined | US-PGPUB; USPAT | OR | ON | 2006/09/20 14:23 |
| S18 1 | 87 | S165 and transmit\$3 near7 ((predeterm\$5 given assign\$3) near5 time) | US-PGPUB; USPAT | OR | ON | 2007/03/30 14:07 |
| S18 2 | 13 | S165 and transmit\$3 near7 ((predeterm\$5 given assign\$3) near5 time) and (slave near6 request inquir\$3) | US-PGPUB; USPAT | OR | ON | 2006/09/20 15:31 |
| S18 4 | 3154 | ((713/156,168,171,175) or (380/232,239)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 07:33 |
| S18 5 | 729 | (713/156).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/21 07:59 |
| S18 7 | 617 | (713/171).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/21 07:59 |
| S18 8 | 355 | (713/175).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/21 07:59 |
| S18 9 | 87 | (380/232).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/21 07:59 |
| S19 0 | 278 | (380/239).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/21 08:01 |
| S19 2 | 12 | S184 and(countdown((respon\$4request\$3)near7time))and encrypt\$4 and transf\$3 | US-PGPUB; USPAT | OR | ON | 2006/09/21 10:32 |

EAST Search History

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|----------|------|---|--------------------|----|-----|------------------|
| S19 3 | 15 | S184 and(countdown((respon\$4request\$3 near7time))and encrypt\$4 and device | US-PGPUB; USPAT | OR | ON | 2006/09/21 10:33 |
| S19 4 | 2 | S184 and(countdown((respon\$4request\$3 near7time))and encrypt\$4 and (device near (master slave)) | US-PGPUB; USPAT | OR | ON | 2006/09/21 13:42 |
| S19 5 | 729 | (713/156).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/21 14:50 |
| S19 6 | 6 | "158592".ap. | US-PGPUB; USPAT | OR | ON | 2006/09/21 14:23 |
| S19 7 | 75 | S195 and broadcast\$3 and time and devices | US-PGPUB; USPAT | OR | ON | 2006/09/21 16:15 |
| S19 8 | 18 | S195 and broadcast\$3 and (countdown (respon\$3 near6 time)) and devices | US-PGPUB; USPAT | OR | ON | 2006/09/21 16:22 |
| S19 9 | 10 | S195 and broadcast\$3 and (countdown (respon\$3 near6 time)) and device and master | US-PGPUB; USPAT | OR | ON | 2006/09/21 16:24 |
| S20 0 | 19 | S195 and broadcast\$3 and (countdown (respon\$3 near6 time)) | US-PGPUB; USPAT | OR | ON | 2006/09/21 16:30 |
| S20 1 | 0 | S195 and((countdown (respon\$3 near6 time))near6 prevent\$3) | US-PGPUB; USPAT | OR | ON | 2006/09/21 16:32 |
| S20 2 | 50 | S195 and(countdown (respon\$3 near6 time))and prevent\$3 | US-PGPUB; USPAT | OR | ON | 2006/09/21 16:40 |
| S20 3 | 68 | S195 and(countdown (respon\$3 near6 time))and (prevent\$3 near\$8 ((add\$3 delay) and time)) | US-PGPUB; USPAT | OR | ON | 2006/09/25 09:03 |
| S20 4 | 1 | ("6393281").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 09:13 |
| S20 5 | 1 | ("6011511").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 09:13 |
| S20 6 | 1464 | (713/168).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 09:47 |
| S20 8 | 231 | S206 and master | US-PGPUB; USPAT | OR | ON | 2006/09/25 09:45 |
| S20 9 | 5 | S206 and master and countdown | US-PGPUB; USPAT | OR | ON | 2006/09/25 09:45 |
| S21 0 | 0 | ("25and(timenear8respon\$5)").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 09:48 |
| S21 1 | 234 | S206 and (time near8 respon\$5) | US-PGPUB; USPAT | OR | ON | 2006/09/25 11:03 |
| S21 2 | 57 | S206 and (time near8 respon\$5)and master | US-PGPUB; USPAT | OR | ON | 2006/09/25 09:49 |

EAST Search History

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|----------|-------|--|--------------------------------|----|-----|------------------|
| S21 3 | 1 | ("6931131").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 11:04 |
| S21 4 | 1 | ("0265503").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/25 11:04 |
| S21 5 | 1 | ("20050265503").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 09:23 |
| S21 6 | 27244 | ("713").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 09:24 |
| S21 7 | 2 | S216 and DTCP and master and slave | US-PGPUB; USPAT | OR | ON | 2006/09/26 09:26 |
| S21 8 | 10 | S216 and DTCP and master and link | US-PGPUB; USPAT | OR | ON | 2006/09/26 09:51 |
| S21 9 | 36 | S216 and DTCP and device and link\$3 | US-PGPUB; USPAT | OR | ON | 2006/09/26 09:51 |
| S22 0 | 113 | S216 AND CIRCUMVENTION | US-PGPUB; USPAT | OR | ON | 2006/09/26 11:37 |
| S22 1 | 105 | S216 AND CIRCUMVENTION AND TIME | US-PGPUB; USPAT | OR | ON | 2006/09/26 11:55 |
| S22 2 | 277 | (725/80).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S22 3 | 325 | (725/133).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S22 4 | 366 | (725/142).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S22 5 | 186 | (725/104).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S22 6 | 925 | (348/552).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S22 7 | 97 | (348/474).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S22 8 | 545 | (725/78,80,71).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S22 9 | 2290 | S222 S223 S224 S225 S226 S227 S228 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/09/26 11:59 |
| S23 0 | 87 | (380/232).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S23 1 | 279 | (380/239).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/26 11:59 |
| S23 2 | 0 | (S216 and S230 and S231 and S229) AND CIRCUMVENTION AND TIME | US-PGPUB; USPAT | OR | ON | 2006/09/26 11:59 |
| S23 3 | 109 | (S216 S230 S231 S229) AND CIRCUMVENTION AND TIME | US-PGPUB; USPAT | OR | ON | 2006/09/26 14:27 |

EAST Search History

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|----------|------|--|--|----|-----|------------------|
| S23 4 | 5079 | (S216 S230 S231 S229) AND master AND TIME | US-PGPUB; USPAT | OR | ON | 2006/09/26 14:28 |
| S23 5 | 323 | (S216 S230 S231 S229) AND master AND (TIME near9 respon\$5) and authenti\$5 | US-PGPUB; USPAT | OR | ON | 2006/09/26 14:29 |
| S23 6 | 1 | ("6931131").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/27 08:50 |
| S23 7 | 10 | ("4114147" "4916443" "5618232" "5711588" "5871398" "5999808" "6104815" "6175307" "6272638" "6507852").PN. OR ("6931131").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/27 08:52 |
| S23 8 | 1 | ("6904522").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/28 08:34 |
| S23 9 | 1 | ("20040098583").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/28 17:00 |
| S24 0 | 1 | ("6904522").PN. | US-PGPUB; USPAT | OR | OFF | 2006/09/28 17:01 |
| S24 1 | 0 | ("761512.ap.").PN. | US-PGPUB; USPAT | OR | OFF | 2006/10/02 13:26 |
| S24 2 | 6 | "761512".ap. | US-PGPUB; USPAT | OR | ON | 2006/10/02 13:26 |
| S24 3 | 2 | ((("6393281") or ("6011511"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/10/12 07:49 |
| S24 4 | 1 | jp-58017706-\$.did. | DERWENT | OR | ON | 2006/10/12 07:52 |
| S24 5 | 37 | (key near exchange) same (((predetermin\$2 \$4stablish\$3 fix\$3 respon\$3)near time) deadline) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/30 13:08 |
| S24 6 | 177 | (key near \$4chang\$3) same (((predetermin\$2 \$4stablish\$3 fix\$3 respon\$3)near time) deadline) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/30 13:11 |
| S24 7 | 141 | S246 not S245 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/30 13:11 |

EAST Search History

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|----------|-------|--|--|----|-----|------------------|
| S25 1 | 192 | ((request\$3) near (key entitlement rights)) same (deadline reply\$3 ((respon\$3 countdown) near time)) | US-PGPUB; USPAT | OR | ON | 2007/03/30 14:15 |
| S25 2 | 257 | ((request\$3) near (key entitlement rights)) same (deadline reply\$3 ((respon\$3 countdown predetermin\$3 \$4establish\$3) near time)) | US-PGPUB; USPAT | OR | ON | 2007/03/30 15:16 |
| S25 3 | 14313 | (request\$3 near (right key cypher cod\$3 entitlement EMM)) | US-PGPUB; USPAT | OR | ON | 2007/04/02 10:14 |
| S25 4 | 3293 | (send\$3 respond\$3 reply\$3 dispatch\$3) near (deadline countdown (time near limit) ((predetermin\$3 establish\$3 set allow\$4 fix\$2) near time) period) | US-PGPUB; USPAT | OR | ON | 2007/03/30 15:26 |
| S25 5 | 109 | S253 and S254 | US-PGPUB; USPAT | OR | ON | 2007/03/30 17:08 |
| S25 6 | 1 | ("20010042248").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/02 10:12 |
| S25 7 | 14313 | (request\$3 near (right key cypher cod\$3 entitlement EMM)) | US-PGPUB; USPAT | OR | ON | 2007/04/02 10:14 |
| S25 8 | 14313 | S257 | US-PGPUB; USPAT | OR | ON | 2007/04/02 10:14 |
| S25 9 | 3375 | S257 and (((predetermin\$3 reply\$3 respon\$4) near time) deadline countdown) | US-PGPUB; USPAT | OR | ON | 2007/04/02 13:52 |
| S26 0 | 1166 | S259 and master | US-PGPUB; USPAT | OR | ON | 2007/04/02 10:35 |
| S26 1 | 421 | (725/31).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/04/02 10:38 |
| S26 2 | 21 | S261 and slave | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/02 11:32 |
| S26 3 | 6 | ((("20060075424") or ("20060075220") or ("20060071824") or ("6115821") or ("20010014974") or ("20040125953")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/02 11:33 |
| S26 4 | 82 | S261 and (((predetermin\$3 reply\$3 respon\$4) near time) deadline countdown) | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:35 |
| S26 5 | 0 | JP-1402131043-\$.did. | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:14 |

EAST Search History

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|----------|-------|---|--|----|-----|------------------|
| S26 6 | 0 | JP-1402131043-B.did. | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:14 |
| S26 7 | 0 | JP-1402131043-B2.did. | US-PGPUB; USPAT | OR | ON | 2007/04/10 13:14 |
| S26 8 | 72 | (stop\$4 near (connect\$3 \$1wait\$3)) near (respons\$3 reply\$3 entitlement key\$3 code EMM EMC cypher\$3) | US-PGPUB; USPAT | OR | ON | 2007/04/10 15:21 |
| S26 9 | 108 | garfinkle.in. | US-PGPUB; USPAT | OR | ON | 2007/04/10 15:21 |
| S27 0 | 13727 | ("725").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/04/10 15:22 |
| S27 1 | 5 | S269 and S270 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/11 17:55 |
| S27 2 | 4 | russo.in. and S270 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 15:34 |
| S27 3 | 22 | (deadline) same (encrypt\$3 decrypt\$3 decod\$3) same (key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 16:17 |
| S27 4 | 634 | (deadline time\$1stamp) same (encrypt\$3 decrypt\$3 decod\$3) same (key) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 17:26 |
| S27 5 | 228 | (713/178).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/04/10 16:33 |
| S27 6 | 231 | S274 and (slave master) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 17:59 |

EAST Search History

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|----------|-------|---|--|----|-----|------------------|
| S27 7 | 25 | (slave and master) near ((secur\$4 near communicat\$3)(authenticat\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/10 18:01 |
| S27 8 | 3 | ((("4535355") or ("4621285") or ("4796299"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/11 10:53 |
| S27 9 | 0 | ((("key)and((locationdistance)near(c onditionpredetermined)))".PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/11 14:39 |
| S28 0 | 33077 | (key) and ((location distance)near(condition predetermined)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/11 14:41 |
| S28 1 | 0 | ("s000184").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/11 14:42 |
| S28 2 | 3611 | ((713/156,168,171,175) or (380/232,239)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/04/11 14:42 |
| S28 3 | 3611 | S282 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/11 14:42 |
| S28 4 | 13727 | ("725").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/04/11 14:42 |
| S28 5 | 1 | ("0006465").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/11 14:42 |
| S28 6 | 17279 | S283 S284 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/11 14:43 |
| S28 7 | 184 | S286 and S280 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/11 14:58 |

EAST Search History

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|----------|-----|--|--|----|-----|------------------|
| S28 8 | 282 | (authenticat\$3 near master) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/11 14:59 |
| S28 9 | 46 | (authenticat\$3 near master) and ((time adj out) deadline ((predetermin\$3 established) adj time) countdown) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/11 15:02 |
| S29 0 | 9 | ("20020016153" "20020086640" "20020098852" "20020115426" "20020164997" "20030065918" "6577274" "6700475").PN. OR ("6961541").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/11 15:11 |
| S29 1 | 18 | ("5001752" "5136647" "5201000" "5469507" "5673316" "5787172" "5864667" "RE34954").PN. OR ("6381696"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/11 17:47 |
| S29 2 | 593 | (725/87).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/04/11 17:48 |
| S29 3 | 0 | ("73andslave").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/11 17:48 |
| S29 4 | 8 | S292 and slave | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/11 17:48 |
| S29 5 | 1 | ("5400402").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/11 17:57 |
| S29 6 | 1 | ("5046090").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/11 18:01 |
| S29 7 | 192 | (725/104).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/04/12 11:31 |

EAST Search History

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|----------|-------|--|--|----|-----|------------------|
| S29 8 | 50 | ((("20040257470") or ("20050071866") or ("4777470") or ("5023475") or ("4488230") or ("4488229") or ("4764750") or ("4930103") or ("4999528") or ("5381418") or ("5742657") or ("5768543") or ("6128284") or ("6150861") or ("6173347") or ("4970506") or ("5432931") or ("5450441") or ("5754799") or ("5856800") or ("6002712") or ("6181709") or ("6247138") or ("3808368") or ("4253149") or ("4270202") or ("4275316") or ("4399531") or ("4539684") or ("4574376") or ("4795893") or ("4803481") or ("4815105") or ("4841178") or ("4847829") or ("4887264") or ("4904990") or ("4949359") or ("4975595") or ("5014267") or ("5221866") or ("5267094") or ("5303267") or ("5337050") or ("5408138") or ("5432815") or ("5440432") or ("5444477") or ("5461608") or ("5481675"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/12 15:16 |
| S29 9 | 1 | ("20040128693").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/12 15:32 |
| S30 0 | 14 | ((multicast\$3 unicast\$3) near (EMM EMC key cypher)) and (slave (home near network\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/12 16:16 |
| S30 1 | 1 | ("5861906").PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/12 16:21 |
| S30 2 | 13762 | ("725").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/04/12 16:20 |
| S30 4 | 143 | ellis.in. and S302 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/12 16:30 |

EAST Search History

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|----------|----|---|--|----|-----|------------------|
| S30 5 | 36 | S304 and (video near demand) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/12 16:33 |
| S30 6 | 0 | ((("460227946944904704725470612 14718107474554947515784787063 48476984857999490870749301584 95972049639944965825497745550 27400504786751092795109414") or ("5134719515178951555915172413 52008225231493523365452490435 29900653352775339434534135053 53121535727654045675410344542 669954423895464155465385"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/12 17:06 |
| S30 7 | 40 | ((("4602279") or ("4694490") or ("4704725") or ("4706121") or ("4718107") or ("4745549") or ("4751578") or ("4787063") or ("4847698") or ("4857999") or ("4908707") or ("4930158") or ("4959720") or ("4963994") or ("4965825") or ("4977455") or ("5027400") or ("5047867") or ("5109279") or ("5109414") or ("5134719") or ("5151789") or ("5155591") or ("5172413") or ("5200822") or ("5231493") or ("5233654") or ("5249043") or ("5299006") or ("5335277") or ("5339434") or ("5341350") or ("5353121") or ("5357276") or ("5404567") or ("5410344") or ("5426699") or ("5442389") or ("5461415") or ("5465385"))).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/12 17:11 |

EAST Search History

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|----------|----|---|--|----|-----|------------------|
| S30 8 | 39 | ((("5808608") or ("5808694") or ("5809246") or ("5812123") or ("5812205") or ("5815146") or ("5818438") or ("5819019") or ("5819160") or ("5822530") or ("Re35954") or ("5841979") or ("5844620") or ("5850218") or ("5861906") or ("5881,45") or ("5884028") or ("5886707") or ("5886732") or ("5887243") or ("5892915") or ("5894589") or ("5896414") or ("5898441") or ("5898456") or ("5899582") or ("5900904") or ("5903234") or ("5903263") or ("5903264") or ("5905522") or ("5905847") or ("5909638") or ("5911046") or ("5913039") or ("5914941") or ("5915090") or ("5915094") or ("5916303") or ("5917538")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/12 17:16 |
| S30 9 | 79 | S307 S308 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/12 17:19 |
| S31 0 | 45 | S309 and key | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/12 18:07 |
| S31 1 | 2 | "20010053222" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/12 18:07 |
| S31 2 | 2 | ((("20010053222") or ("20030149890")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/04/12 18:08 |